

03040204-04
(Buck Swamp)

General Description

Watershed 03040204-04 (formerly 03040204-050) is located in Marlboro, Dillon, and Marion Counties and consists primarily of **Buck Swamp** and its tributaries. The watershed occupies 97,495 acres of the Upper and Lower Coastal Plain regions of South Carolina. Land use/land cover in the watershed includes: 43.3% agricultural land, 25.4% forested wetland, 23.2% forested land, 6.0% urban land, 1.8% scrub/shrub land, 0.2% nonforested wetland, and 0.1% water.

Reedy Creek (Indigo Bay, Eli Branch, Old Mill Creek, Betsy Jackson Bay) and Little Reedy Creek (Hilson Bay) join to form the headwaters of Buck Swamp near the Town of Latta. Downstream of the confluence, Mill Creek enters the system followed by The Gully and Maidendown Swamp (Piney Bay, Maidendown Bay). The Buck Swamp Watershed drains into the Little Pee Dee River. There are a total of 201.4 stream miles and 47.0 acres of lake waters. Buck Swamp and Maidendown Swamp are classified FW* (dissolved oxygen not less than 4.0 mg/l and pH between 5.0 and 8.5) and the remaining streams in the watershed are classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-031	S/W	FW*	BUCK SWAMP AT S-17-33
PD-349	W/INT	FW*	BUCK SWAMP AT S-17-42

Buck Swamp – There are two SCDHEC monitoring sites along Buck Swamp. This is a blackwater system, characterized by naturally low dissolved oxygen conditions. Although dissolved oxygen excursions occurred at both sites, they were typical of values seen in blackwater systems and were considered natural, not standards violations. At the upstream site (**PD-031**), aquatic life uses are fully supported, but recreational uses are partially supported due to fecal coliform bacteria excursions. At the downstream site (**PD-349**), aquatic life and recreational uses are fully supported; however, there is a significant increasing trend in fecal coliform bacteria concentration.

Groundwater Quality

<u>Well #</u>	<u>Class</u>	<u>Aquifer</u>	<u>Location</u>
AMB-006	GB	BLACK CREEK	LATTA #1

NPDES Program

Active NPDES Facilities

RECEIVING STREAM

FACILITY NAME

PERMITTED FLOW @ PIPE (MGD)

BUCK SWAMP

TOWN OF LATTA

PIPE #: 001 FLOW: 1.0

NPDES#

TYPE

COMMENT

SC0025402

MAJOR DOMESTIC

OLD MILL CREEK
TRICO WATER COMPANY/GATEWAY WTP
PIPE #: 001 FLOW: M/R

SCG645048
MINOR INDUSTRIAL

Nonpoint Source Management Program

Mining Activities

MINING COMPANY
MINE NAME

PERMIT #
MINERAL

DILLON COUNTY
JUDGE ROAD BORROW PIT

1698-33
SAND/CLAY

Growth Potential

There is a low potential for growth in this watershed, which contains the Towns of Latta and Zion, and a portion of the City of Mullins. Commercial development is confined to the two municipalities and the interchange of I-95 and S.C. Hwy. 34. Public water service exists in and around Latta and Mullins and the rural area north of Mullins. Public sewer is more limited, and includes only the municipal limits of Latta and Mullins and their very immediate surroundings. No major expansion of water or sewer coverage is anticipated. The proposed Preferred Alternative route of I-73 (Northern Corridor and Southern Corridor) would cross this watershed and could bring some growth to the area, especially around interchanges.